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ABSTRACT

This document is a compilation of the data gathering instruments used for a study exploring the feasibility of establishing archive services in ERIC/IR (ERIC Clearinghouse on Information Resources) for researchers in library and information sciences and instructional technology. Raw data are displayed on the questionnaires. (JAB)

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FEASIBILITY OF MAINTAINING AND PROVIDING ACCESS TO DATA ARCHIVES THROUGH ERIC STATISTICAL DATA

by

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TO THE EDUCATIONAL RESOURCES INFORMATION CENTER (ERIC) AND USERS OF THE ERIC SYSTEM."

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IR005915

N=43

No. _____

To All Respondents

1. There are a variety of ways to facilitate data set exchange between researchers. Please rate each of these possible services on how useful it would be to you.

n	mean		Detrimental	1 Not Useful	2	3	4	5 Extremely Useful
42	1.9	a. No change: the current system of personal contact.	[7]	[16]*	[12]	[6]	[1]	[1]
42	3.4	b. Data available from original researcher; availability listed in a directory of data sets.	[0]	[2]	[9]	[15]*	[10]	[7]
42	3.5	c. Data available from original researcher; availability listed in ERIC Resources in Education.	[0]	[1]	[10]	[6]	[14]*	[11]
43	3.5	d. Data available from an Archive.	[0]	[4]	[5]	[12]	[8]	[14]*
42	4.2	e. Data available from an Archive, and subsets prepared to your specifications.	[0]	[0]	[3]	[6]	[14]	[19]*
43	3.4	f. Data available from an Archive, and statistical manipulation upon request.	[0]	[7]	[4]	[10]	[7]	[15]*
43	3.6	g. Data available from Archive, and statistical manipulation and consultation available on request.	[1]	[6]	[3]	[8]	[9]	[16]*
42	3.1	h. Data available from Archive, and archive preparing instructional modules for teaching purposes.	[1]	[11]	[5]	[6]	[7]	[12]*

*indicates mode

N=43

No. _____

To All Respondents

(page two)

2. Providing a data service may have effects on the development of research in the field. Please rate these service types on their benefit to the field.

n	mean		Detrimental 1	2	3	4	Extremely Useful 5
40	2.0	a. No change; the current system of personal contact.	[7]	[11]*	[10]	[1]	[0]
41	3.3	b. Data available from original researcher; availability listed in a directory of data sets.	[0]	[2]	[5]	[17]*	[11] [6]
42	3.6	c. Data available from original researcher; availability listed in ERIC Resources in Education.	[0]	[1]	[8]	[11]	[10] [12]*
40	4.2	d. Data available from an Archive.	[0]	[2]	[4]	[8]	[11] [15]*
40	4.2	e. Data available from an Archive, and subsets prepared to your specifications.	[0]	[0]	[4]	[3]	[15] [18]*
39	3.9	f. Data available from an Archive, and statistical manipulation upon request.	[2]	[1]	[3]	[7]	[14]* [12]
40	4.0	g. Data available from Archive, and statistical manipulation and consultation available on request.	[2]	[1]	[2]	[9]	[10] [16]*
38	3.7	h. Data available from Archive, and archive preparing instructional modules for teaching purposes.	[1]	[1]	[5]	[10]	[9] [12]*

*indicates mode

3. Do you use ERIC (Educational Resources Information Centers)?

	Never	For Searching	For obtaining documents
%	2.8	53.5	43.6
n	2	38	31

4. Do you use NTIS (National Technical Information Service) or Government Reports Announcements?

	Never	For Searching	For obtaining documents
%	29.5	44.4	25.9
n=[illegible]	16	24	14

N=20
No. _____

To Respondents Having Used Someone Else's Data

times	n
0	7
1	4
2	3
3	3
4	
5	1
8	1

1. How many data sets have you borrowed in the last two years?

_____

2. Please list the data sets that you have borrowed most recently, including a title or short description, the originator's name or position, and where the set was acquired.

Short title or description	Originator	Where Acquired (if not originator)
_____	_____	_____
_____	_____	_____
_____	_____	_____

THE FOLLOWING QUESTIONS DEAL WITH THE DATA SET BORROWED MOST RECENTLY.

n (28)	%	
4	14.2	3. What were the purposes of using the data set? (check all that apply)
5	17.8	_____ teaching
3	10.7	_____ secondary analysis
5	17.8	_____ information about other program, library, etc.
10	35.7	_____ resource
1	3.5	_____ comparison with own work
		_____ other (specify publishing periodical)

(26)		
7	26.9	4. What were the results of your use of the data set? (check all that apply)
3	11.5	_____ publication
9	34.6	_____ teaching unit
3	11.5	_____ background to other work, comparison
1	3.8	_____ communication with originator
1	3.8	_____ PhD dissertation
2	7.6	_____ grant proposal
		_____ other (specify degree, testing)

N=20

No. _____

To Respondents Having Used Someone Else's Data

(page two)

n (20)	%		
		5.	How did you become aware of the data and the possibility of using it?
9	45		_____ personal contact with originator
3	15		_____ personal referral
5	25		_____ published report, citation
1	5		_____ archive listing
2	10		_____ notice of research
			_____ other (specify _____)
(18)		6.	In what form was the data set when you received it?
7	38.8		_____ printed
3	16.6		_____ punch cards
3	16.6		_____ magnetic tape
4	27.7		_____ other (specify fiche, notes, listing)
(17)		7.	When you received the data set, how "clean" were the data?
2	11.7		_____ unusable
1	5.8		_____ needed major work
6	35.2		_____ needed minor work
7	41.1		_____ clean enough to use
1	5.8		_____ perfect
(18)		8.	What documentation did you receive with the data?
6	33.3		_____ none
4	22.2		_____ questionnaire
3	16.6		_____ codebook
5	27.7		_____ other (specify letter, phone, article, dissertation, discussion, talked

N=20
No. _____

To Respondents Having Used Someone Else's Data

(page three)

9. Was the documentation you received useful?

13 Yes _____ No, explain _____

THE NEXT FIVE QUESTIONS ARE CONCERNED WITH THE EFFORT REQUIRED TO OBTAIN AND PREPARE THE DATA SET FOR YOUR USE.

10. Estimate the number of man-hours spent in obtaining the data set.

mean=2.5

_____ Hours

.25	2	2.	2
.5	1	5.	2
1.	2	7.	1
		10.	1

11. What price, if any, was charged for the data set?

_____ Dollars

$0	10
3	2
20	1

12. Estimate costs (excluding labor and charge) involved in obtaining the data set. (This may include phone calls, postage, travel, etc).

mean=9.5

_____ Dollars

$0	5	10.	2
.5	1	25.	1
3	3		

13. Estimate the number of man-hours spent preparing the data set for your use.

Labor (in hours)

_____ Programmer

_____ Data Input

_____ Clerical

_____ Personal

_____ Other (specify _____)

_____ TOTAL

14. Estimate other costs (in dollars) incurred in preparing the data set for your use.

Costs (in dollars)

$_____ Materials

$_____ Computer Charges

$_____ Other (specify _____)

$_____ TOTAL

N=20
No. ____

To Respondents Having Used Someone Else's Data

(page four)

n (15)	%
0	
1	6.6
2	13.3
5	33.3
7	46.3

15. How valuable was the data set to you?

_____ not relevant to intended purpose
_____ not worth the effort to obtain and prepare
_____ minimal value
_____ valuable
_____ extremely valuable

	n(14)
yes	14
no	0

16. Would you use someone else's data again in the future given your experience?

_____ Yes _____ No

17. Comments:

N=15

No. _____

To Respondents Wanting to But Not Using Someone Else's Data

times	n(15)
0	3
1	4
2	5
3	0
4	3

1. In the last two years, how many times have you wanted to obtain data, but did not?

_____

n(12)	
yes	8
no	4

2. On the most recent occasion when you wanted to obtain someone else's data, did you request the data?

8 Yes, From Whom? Archive _____
Originator 8
Other (specify) _____

Why were you unable to get the data?
no response = 4
data lost = 1

4 No, Why did you not request the data?
insufficient citation
question of propriety
cost

n(24)

3. For what purpose(s) would you have used the data?

6 _____ teaching
2 _____ resource
7 _____ secondary analysis
6 _____ comparison with own work
3 _____ information about another program, library, etc.
_____ other (specify _____)

n(16)

4. How did you become aware of the data?

4 _____ personal contact with originator
1 _____ personal referral
7 _____ published report, citation
0 _____ archive listing
2 _____ notice of research
2 _____ other (specify _____)

No. _____

To Respondents Wanting to But Not Using Someone Else's Data

(page two)

5. Please name up to three specific data sets or types of data that you have wanted to obtain, but did not.

	Short description or title	Originator
1.	_____	_____
2.	_____	_____
3.	_____	_____

6. Comments:

1. times	n(29)
0	6
1	7
2	7
3	3
4	2
8	3
10	1

N=29

No. _____

To Respondents Having Generated and/or Shared Data

1. How many data sets have you generated in the last two years?

_____

2. req.	n(26)
0	16
1-3	7
10	2
100+	1

2. How many requests for your data have you received in the last two years?

_____

3. Please list your three most recently generated data sets, giving 1) a short description or title of the set, 2) the date it was generated and 3) the number of requests you have received for each.

Short title or description	Date	Number of Requests
Set 1 _____	____	_____
_____		
Set 2 _____	____	_____
_____		
Set 3 _____	____	_____
_____		

4. If any of your data sets are available through an archive or listed in a directory, please list which data sets and where they are listed or archived.

ERIC 2
ARL 1

YOU MAY WISH TO REFER TO THE COVER LETTER IN ANSWERING THE NEXT TWO QUESTIONS.

	n(28)	%
yes	23	82
no	5	18

5. Generally, would you allow descriptions of your data sets to be included in a directory?

_____ No _____ Yes Yes, under the following conditions,

_____

_____

N=29

No. _____

To Respondents Having Generated and/or Shared Data

(Page two)

	n(25)	%
yes	21	84
no	4	16

6. Would you be willing to archive your data?

_____ No _____ Yes Yes, under the following conditions,

_____

_____

n(31)	%
15	48
5	16
8	26
3	10

6a. If you would archive your data, in what forms could you provide it to the archive?

_____ printed copy

_____ magnetic tape

_____ punched cards

_____ other (specify) _____

7. Comments:

1. times n(9)
several 1
1 1
2 3
4 1
8 1
20+ 2

N=15

No. _____

To Respondents Having Shared Data

1. How many times in the last two years have you shared your data?

_____ times.

THE FOLLOWING QUESTIONS DEAL WITH THE LAST TIME YOU SHARED YOUR DATA.

n(11)

2. In what form was the data set shared?

5 _____ printed
2 _____ punch cards
_____ magnetic tape
4 _____ other (specify photocopies of edgenotched cards, ~~originals~~)

n(10)

3. Did you set any restrictions on the use of your data?

yes 4
no 6

_____ No _____ Yes (please list restrictions)

no damage
related project; copy and ackn. in pubs.
approval required by participating librarie
privacy of subjects; non-redist. of data

4. Estimate the number of man-hours spent in preparing the data set for dissemination.

Labor (in hours)

_____ Programmer
_____ Clerical
_____ Personal
_____ Other (specify)
_____ TOTAL

No. _____

To Respondents Having Shared Data

(page two)

5. Estimate other costs (in dollars) incurred in preparing the data set for dissemination.

Costs (in dollars)

$_____ Materials

$_____ Computer charges

$_____ Other (specify)

$_____ TOTAL

n(8) $
7 0
1 40

6. What remuneration did you receive for sharing and preparing your data?

$_____

7. Comments:

N=23

No. _____

To Instructors of Research Methodology

n(16) % 1. Do you as an instructor of research methodology currently use any data sets for course activities or assignments?

yes 10 44
no 13 57

_____ Yes _____ No

n(16) If yes, how are these data sets obtained? (check all that apply)

9 _____ generated within department or school

6 _____ obtained through personal contact with researchers outside the school

1 _____ purchased from a data archive (specify name _____ NORC 1972)

n(20) % 2. If data sets were generally available would you use them for instruction?

yes 15 75
no 3 15
depends 2 10

_____ Yes _____ No

3. Comments:

N=18

No. _____

To Doctoral Advisors

	n(18)	%
yes	14	78
no	3	17
depends	1	5

1. Would you and your institution allow using data collected by someone else for a student's doctoral program?

_____ Yes _____ No

n(43)	
13	_____ learning statistical techniques
11	_____ background research, preliminary work before dissertation
10	_____ specific reliability checks in dissertation work
8	_____ primary data for dissertation analysis
1	_____ other (specify secondary, diss.)

If yes, in which role(s)?

	n(17)
yes	15
no	1
depends	1

2. If data sets in the fields of interest of your department were generally available through a directory or archive would you support their use?

_____ Yes _____ No

3. Comments: